



Carleton University
Ottawa, Ontario
76th Convocation
Sunday, November 7, 1982



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O Canada

O Canada! Our home and native land!
True patriot love in all thy sons command.
With glowing hearts we see thee rise,
The True North strong and free!
From far and wide, O Canada,
We stand on guard for thee.
God keep our land glorious and free!
O Canada, we stand on guard for thee.
O Canada, we stand on guard for thee.

God Save the Queen

God save our gracious Queen,
Long live our noble Queen,
God save the Queen!

Send her victorious,
Happy and glorious,
Long to reign over us;
God save the Queen!

Order of Proceedings

Chancellor the Hon. Gordon Robertson, P.C., C.C., M.A., LL.D.,
D. de l'Univ., F.R.S.C., presiding.

*(The audience is requested to stand when the Academic
Procession arrives, to remain standing until after the
Invocation has been pronounced, and at the conclusion
of the Convocation to remain until the Academic
Procession has left.)*

- Introductory Music
David Piper, B.Mus., Ph.D.,
Associate Professor of Music
- Processional Music
- O Canada*
- Invocation
Robert E. Osborne, B.A., B.D., S.T.M., Ph.D.,
Professor of Religion
- Address of the President and Vice-Chancellor
William E. Beckel, B.A., M.Sc., Ph.D.
- Conferring of Degrees by Examination
- Introduction of the Medallists
Michel Gaulin, M.A., Ph.D.,
Associate Professor of French and
Clerk of Senate
- Awarding of the Medals
Thomas J. Ryan, M.A., Ph.D.,
Vice-President (Academic)
- Conferring of the Degree of Doctor of Literature,
honoris causa, upon
Hilda G. Gifford, B.A., B.L.S.
(Presented by Benjamin W. Jones, B.A., A.M., Ph.D.,
Professor of English)
- Conferring of the Degree of Doctor of Engineering,
honoris causa, upon
Douglas Shadbolt, B.Arch., D.Eng., F.R.A.I.C.
(Presented by Michael R. Coote, M.Arch., A.R.I.B.A.,
Director of the School of Architecture)
- Convocation Address
Douglas Shadbolt
- God Save the Queen*
- Recessional Music

**The audience is invited to sing.*

Doctor of Philosophy

Recipients of Degrees, Diplomas and Certificates

(Presented by Professor S.F. Wise,
Dean of the Faculty of Graduate
Studies and Research)

Peter Izevbuwa Ozo-Eson, M.A.
(Carleton)

Economics
Some Implications of Oil Revenues
for the Domestic Economy in Oil
Exporting Countries: An Application
to Nigeria
Supervisor: K.A.J. Hay

William James McGrath, B.A., M.A.
(McMaster)

Political Science
The Politics of Soviet "Federalism":
A Case Study of the Agricultural Elite
in the Belorussian S.S.R. and Allocation
of Resources to Agriculture, 1964 to
1971
Supervisor: T. Rakowska-Harmstone

Jude Marie Brown, B.A. (Webster), M.S.
(New Orleans)

Psychology
Imaginal Coping Strategies in the
Treatment of Migraine
Supervisor: J. Campbell

Elisabeth June Rogers, B.A. (Toronto),
M.A. (George Washington)

Psychology
Attitudes to Children in English
Children's Prose Fiction 1740-1840
Supervisor: B. Laver

Henderikus Johannes Stam, M.A.
(Carleton)

Psychology
Hypnotic Analgesia and the Placebo
Effect: Controlling Ischemic Pain
Supervisor: N. Spanos

Gary Philip Bell, M.Sc. (Carleton)

Biology
Prey Location and Sensory Ecology
of Two Species of Gleaning,
Insectivorous Bats: *Antrozous Pallidus*
(Vespertiliionidae) and *Macrotus*
Californicus (Phyllostomatidae)
Supervisor: M.B. Fenton

Art Borkent, M.Sc. (Alberta)

Biology
The Systematics and Phylogeny of
Xestochironimus, *Harrisius* and
Holarctic and Neotropical
Stenochironomus (Diptera:
Chironomidae)
Supervisor: H.F. Howden

Borys Lev Brezden, M.Sc. (Carleton)

Biology
The Physiological Basis of Frescon
Action in Molluscan Muscles
Supervisor: D.R. Gardner

Gerald Leslie Brown, B.Sc., M.Sc.
(Western Ontario)

Biology
Lysine-rich Histones of Amphibians
Supervisor: J.M. Neelin

Ann Davina Elizabeth Fraser, M.Sc.
(Carleton)

Biology
Glucose Regulation of Carbohydrate
Utilization in *Escherichia coli*
Supervisor: H. Yamazaki

Judith Anne Fregeau, B.Sc. (Sherbrooke),
M.Sc. (Guelph)

Biology
Occurrence and biosynthesis of
auxins in chloroplasts and mitochondrial
fractions from sunflower leaves
Supervisor: F. Wightman

Jussi Vilho Tapio Helava, M.Sc.
(Carleton)

Biology
A Review of The New World Genera
of The Myremecophilous and
Termitophilous Subfamily Hetaeriinae
(Coleoptera: Histeridae)
Supervisor: H.F. Howden

John David Middleton, M.Sc. (Carleton)

Biology
On Certain Spatial Characteristics of
The Distribution of Woodland Species
in Farmland
Supervisor: H.G. Merriam

Kim Elizabeth Fyfe, B.Sc. (Carleton),
M.Sc. (Queen's)

Chemistry
Studies Directed Toward The Total
Synthesis Of Pentacyclic Triterpenes
Supervisor: J.W. ApSimon

Charles Kerans, B.Sc. (St. Lawrence),
M.Sc. (North Dakota)

Geology
Sedimentology and Stratigraphy of
the Dismal Lakes Group
Supervisor: J.A. Donaldson

Penelope Morton, B.Sc. (McGill), M.Sc.
(British Columbia)

Geology
Archean Volcanic Stratigraphy, and
Petrology and Chemistry of Mafic and
Ultramafic Rocks, Chromite, and the
Shebandowan Ni-Cu Mine,
Shebandowan, Northwestern Ontario
Supervisor: D.H. Watkinson

Bassam Georges Nassrallah, B.Sc.,
M.A. (Ottawa)

Mathematics
Some Quadratic Transformations and
Projection Formulas for Basic Hyper-
geometric Series
Supervisor: M. Rahman

Master of Arts

Abdelwahab M. Awad, <i>B.Sc., M.Sc. (Alexandria)</i> Civil Engineering Torsional Response of a Single Storey Building Model to Ground Motion Supervisor: J.L. Humar	<i>(Presented by Professor S.F. Wise, Dean of the Faculty of Graduate Studies and Research)</i> Patricia Ruth Anderson, <i>B.A. (Toronto)</i> Canadian Studies	Diane Theresa Rodelli, <i>B.A. (Carleton)</i> English Peter Michael Sanders, <i>B.A. (Winnipeg)</i> English The Strategies of Withdrawal: The Self and the World in the Works of James Agee
Tewfik Labib Hassanein, <i>B.Sc. Eng. (Cairo), M.Eng. (Carleton)</i> Electrical Engineering Investigation and Modelling of Electrical Conduction and Piezoresistance in Polycrystalline Silicon Supervisor: A.R. Boothroyd	Mai-Yu Chan, <i>B.A. (Carleton)</i> Canadian Studies Joanna Doherty, <i>B.A. (Toronto)</i> Canadian Studies Frederick Nelson Lynch, <i>B.A. (Manitoba)</i> Canadian Studies	Joseph Peter Frank Stalmach, <i>B.A. (Toronto)</i> English Carol Cameron Stewart, <i>B.A. (Carleton)</i> English
	Victor Owen, <i>B.A. (Ottawa)</i> Canadian Studies Some Social Implications of Videotex Technology in Canada: The Case of Telidon Heather Lianne Salloum, <i>B.A. (Regina)</i> Canadian Studies	Mary Gina Tomei, <i>B.A. (Carleton)</i> English Ernest Buckler's The Mountain and the Valley: An Examination of the Development of the Character of David Canaan
	Deborah Wells, <i>B.A. (York)</i> Canadian Studies The Hardest Lines of The Sternest School Working Class Ottawa in The Depression of The 1870s Gordon Thomas Wilkinson, <i>B.A. (Waterloo)</i> Canadian Studies	Vicki Louise Williams, <i>B.A. (Carleton), B.Ed. (Queen's)</i> English Home Training and the Socialization of Youth in the Sentimental Novels of Marshall Saunders, Nellie McClung, and L.M. Montgomery
	Frances McLean Geekie, <i>B.A. (Carleton)</i> Classics Repetition in Vergilian Simile Passages Luis Lama, <i>Phil. Prof. (Catolica de Chile)</i> Comparative Literature	Marc Pavic, <i>B.A. (Carleton)</i> French Lorna Margaret Andrews, <i>B.A. (Manitoba)</i> History
	Stephen Norris Cavalier, <i>B.A. (Trent), B.Ed. (Toronto)</i> English Misao Anne Dean, <i>B.A. (Carleton)</i> English Canadian Nationality in Sara Jeannette Duncan's International Novels: Growing Goldenrod in Simla	Donald Edward Graves, <i>B.A. (Saskatchewan)</i> History Joseph Willcocks and the Canadian Volunteers: An Account of Political Disaffection in Upper Canada During the War of 1812
	Diana Mary Lake, <i>B.A. (British Columbia)</i> English David Evans MacNeill, <i>B.A. (Carleton)</i> English Loss and Recovery of a Western Tradition in Selected Works of Ford Madox Ford	Mark Vincent Olsen, <i>B.A. (Carleton)</i> History Reform, Revolution and Enlightenment: An Examination of the Political Career and Political Philosophy of the Marquis de Condorcet
	Joan McConnell, <i>B.A. (Carleton)</i> English Word of Endless Adoration: The Development of Design in Christopher Smart's Hymns and Spiritual Songs	Louis Christian Charland, <i>B.A. (Carleton)</i> Philosophy W.V. Quine's Naturalist Semantics: Translation and the Case Against Mentalism Ian Bruce Craib, <i>B.A. (Carleton)</i> Philosophy Self Deception Shane William Edwards, <i>B.A. (Carleton)</i> Philosophy

Robert John Gougeon, <i>B.A. (Carleton)</i> Philosophy Transcendentalism and Ontology in Paul Ricoeur's Hermeneutic Phenomenology	Jody Colin Shore, <i>B.A. (Carleton)</i> Economics	Rawle Franklin Antho Lucas, <i>B.Soc.Sc. (Guyana)</i> International Affairs
Graham Timothy Solomon, <i>B.A. (Carleton)</i> Philosophy Some Aspects of Semantic Theory	Deborah Ann Gordanier, <i>B.A. (Carleton)</i> Geography The Settlement of Augusta Township Upper Canada 1783-1840	Zahir Mohamed Meghji, <i>B.A. (Waterloo)</i> International Affairs
Zailan Moris, <i>B.A. (Sains Malaysia)</i> Religion Al-Ghazali's Theory of Happiness: An Analysis of the Kimiya-Yi-Sa Adat	Jeffrey Richard Harris, <i>B.A. (Carleton)</i> Geography Landsat Lineament Study of the Lake Temiskaming Area (Ontario and Quebec)	Fitzgerald Saramegna, <i>B.Sc. (Laval), B.A. (Ottawa), M.A. (Carleton)</i> International Affairs
Concepcion Alarcon, <i>Lic. (Complutense de Madrid)</i> Spanish	Mary-Jane Newman, <i>B.Sc. (Huddersfield Polytechnic)</i> Geography Forecasting Springmelt Floods for the Rideau River at Ottawa	Pierre Sauve, <i>B.Sc. (Quebec)</i> International Affairs
Antonella Campa, <i>B.A. (Concordia), D.E.C. (Vanier C.E.J.E.P.)</i> Spanish	Gabriel Oluwafemi Adewara, <i>B.Sc. (Ibadan)</i> International Affairs	Martin Ian Soutter, <i>P.Eng. (General Motors Inst.), B.A. (Lakehead)</i> International Affairs
Susan Marie Johnston, <i>B.A. (Elmira)</i> Anthropology Epidemic Effects as Causes of Warfare in the Northeast After 1640	Harris Royston Amit, <i>B.A. (Ceylon)</i> International Affairs	Linda Ruth Wishart, <i>B.A. (Simon Fraser)</i> International Affairs
Karen Ann Mehmet, <i>B.A. (Toronto)</i> Anthropology The Relevance of Anthropology for Indigenous Peoples: The World Council of Indigenous People	James Kennedy Anderson, <i>B.A. (Oxford), Dip. (Johns Hopkins, Italy)</i> International Affairs	Dorothy Jane Beacock, <i>B.A. (York)</i> Political Science
John Rene Mitchell, <i>B.A. (Carleton)</i> Anthropology The Psychoanalytic Concept of the Subject and its Relevance for Anthropological Theory	Charles Andrews Anyinam, <i>B.A. (Cape Coast), Grad. Dip. (Ghana)</i> International Affairs	Diane Elizabeth Burrows, <i>B.A. (Trent)</i> Political Science
Thomas Charles Conyers, <i>B.A. (Carleton), B.A. (Trent)</i> Economics	Rychard Albert Brule, <i>B.A. (Royal Military College)</i> International Affairs	Sulley Gariba, <i>B.A. (Ghana)</i> Political Science
Peter Bransby Cook, <i>B.A. (Carleton)</i> Economics	Gary Peter Clarkson, <i>M.A. (Aberdeen)</i> International Affairs	Gilbert Gilles Germain, <i>B.A. (Carleton)</i> Political Science Investigations in Nomos and Physis: A Soujourn into Modernity
Ann Elizabeth Dunkley, <i>B.A. (Laurentian)</i> Economics	Jan Guido Claire Emm Dewaele, <i>Cand. Law. (F.S.I.) Lic.Law. (Katholieke), Dip. (Johns Hopkins, Italy)</i> International Affairs	Constance Ann MacRae, <i>B.A. (Manitoba)</i> Political Science
George J. Hariton, <i>B.Sc. (McGill), A.B.D. (Princeton)</i> Economics	Dulce M. Flores, <i>B.A. (Mexico)</i> International Affairs	Jane Elizabeth McDowell, <i>B.A. (New Brunswick)</i> Political Science
Richard J G. Hartrick, <i>B.Sc. (Trent)</i> Economics	Barbara Lynne Jenkins, <i>B.A. (McGill)</i> International Affairs	Sheryl Lynn Mary Moran, <i>B.A. (Winnipeg)</i> Political Science
Dave Roland Luck, <i>B.A. (Carleton)</i> Economics	Andreas Savva Kakouris, <i>B.A. (Lancaster)</i> International Affairs	Sharon Appotive, <i>B.A. (Carleton)</i> Psychology Sex Differences in the Relationship Between Personal Projects and Job Satisfaction
Rilla Ann Nichols, <i>B.Sc. (Carleton)</i> Economics	Johannes Petrus Anto Kleijssen, <i>M.A. (Utrecht)</i> International Affairs	Betty Marie Bayer, <i>B.A. (Carleton)</i> Psychology Mood as a Contextual Cue in Recall and Impression Formation Tasks
Robert William Pickett, <i>M.Sc. (Carleton)</i> Economics	Sibylle Nicole Landurie, <i>B.A. (Carleton)</i> International Affairs	Lorne David Bertrand, <i>B.A. (Carleton)</i> Psychology Recall Organization in Response to Suggestions for Selective and Complete Amnesia
	David Murray Last, <i>B.A. (Royal Military College)</i> International Affairs	Kevin Brazil, <i>B.A. (Carleton)</i> Psychology The Effects of Imagery Monitoring and Suggested Analgesia on Perceived Pain

Pamela Dorothy-Anne Burgess, <i>B.A. (Carleton)</i> Psychology The Wife/Mother/Student: Impact of the Student Role on Personal Project Systems	Carol Anne Nelder-Corvari, <i>B.A. (Oakland)</i> Public Administration	Stephen Lloyd Millar, <i>B.A. (Carleton)</i> Soviet and East European Studies Hungarian Soviet Trade and Payments: A Case Study of the Development of the Regional Mechanism for Economic Cooperation
Angela Corradini, <i>B.A. (Laurentian)</i> Psychology The Effects of Dopamine Receptor Blockade on Escape and Discrimination Performance in a Water Escape Task	Donald W.E. Partridge, <i>M.A. (McMaster)</i> Public Administration	Michael Raymond Ouellette, <i>B.A. (Carleton)</i> Soviet and East European Studies
Peter Winspere Judge, <i>B.A. (Carleton)</i> Psychology The Effects of Unilateral and Bilateral Lesions of Auditory Cortex on Sound Localization by the Rat	Joan Pollock, <i>B.A. (St. Patrick's College)</i> Public Administration	
Brenda Anne Morrison, <i>B.A. (Carleton)</i> Psychology Moderator Variables and the Relationship Between Criminal Sentiments and Criminal Behaviour	Christopher Thomas G. Pomroy, <i>B.Sc. (Manchester)</i> Public Administration	
Kathryn Anne Stokes, <i>B.A. (Carleton)</i> Psychology Lateralization of State-Dependent Learning Produced by Hippocampal Kindled Convulsions: Effect of Split-Brain Procedure	Ken Robert Spooner, <i>B.A. (York)</i> Public Administration	
James Fredrick Barrett, <i>B.A. (Carleton)</i> Public Administration	Charlotte Blanche Stewart, <i>B.Sc. (Prince Edward Island)</i> Public Administration	
Brenda Joy Buchanan, <i>B.A. (St. Patrick's College)</i> Public Administration	Limpho Motetemala Taoana, <i>B.A. (Lesotho)</i> Public Administration	
Valerie Lynne Cawood, <i>R.N./B.Sc.N. (Saskatchewan)</i> Public Administration	Lorraine Angela Tinsley, <i>B.A. (Western Ontario)</i> Public Administration	
Michael Peter Chiarelli, <i>B.A. (McMaster)</i> Public Administration	Sharon Elizabeth Varette, <i>B.A. (Carleton)</i> Public Administration	
Patricia Anne Donnelly, <i>D.P.A. (Carleton)</i> Public Administration	Abdullah Abdullah, <i>B.A. (Damascus)</i> Sociology Sociological Bases for Conflict: Lebanon and Northern Ireland	
John E. Finn, <i>B.A. (Royal Military College)</i> Public Administration	June Elise Suzane Eyton, <i>B.A. (Carleton)</i> Sociology Social Stratification in Jamaica: A Historical Perspective (1655-1970)	
Margaret-Ann Gillis, <i>B.A. (Queen's)</i> Public Administration	Phyllis Harriet Fleming, <i>B.A. (St. Mary's)</i> Sociology Class Configurations of the Racial Subordination of Blacks in Nova Scotia	
Beverley Susan Kendall, <i>B.A., B.S.W. (McMaster)</i> Public Administration	Joyce Esther Levine, <i>B.A. (Brooklyn)</i> Sociology Religiosity and the Persistence of the Jewish Community	
Janette Carolyn Mark, <i>B.A. (Guelph)</i> Public Administration	Barbara Murphy, <i>B.A. (McGill)</i> Sociology Corporate Capital and the Welfare State in Canada Since World War II	
F. Garth McNaughton, <i>B.A. (Queen's)</i> Public Administration	Marjan Martin Glavac, <i>B.A. (Toronto)</i> Soviet and East European Studies	

Master of Science

*(Presented by Professor S.F. Wise,
Dean of the Faculty of Graduate
Studies and Research)*

Christin Teresa E. Choma, *B.Sc.*

(Carleton)

Biology

Extraction and Essay of *Escherichia coli* Penicillinase and Enzyme Immobilization on Hydrophobic Supports

Lawry David Steven Trevor Deutsch,

B.Sc. (Carleton)

Biology

Cyclic AMP Levels and Protein Kinase Activity in the Developing Chick Thyroid

Martha Louise Leonard, *B.Sc. (Guelph)*

Biology

Habitat Use, Foraging Behaviour and Echolocation of the Spotted Bat, *Euderma maculatum*

Janet Wilma MacLeod, *B.Sc. (Guelph)*

Biology

Histological and Histochemical Study of Field-Grown Corn Roots

Keith Bradford Male, *B.Sc. (Carleton)*

Biology

Metabolic Regulation of Glutamate Dehydrogenase

Nora Keiko Nishikawa, *B.Sc. (Carleton)*

Biology

The Metabolism and Identification of an Unusual Nitrogen Metabolite in Pea

Robert Gray Rutledge, *B.Sc. (Carleton)*

Biology

Histone Synthesis During Erythropoiesis in *Xenopus laevis*

Rita Pauline Vidoli, *B.Sc. (Carleton)*

Biology

Protoplast Fusion in Yeasts

David Russell Ward, *B.Sc. (Dalhousie)*

Biology

The Systematics, Distribution and Biology of the Nearctic Species of *Trichlorochmaea laboissiere* (Chrysomelidae: Galerucinae)

George William Cameron, *B.Sc. (Carleton)*

Geology

A Simple Correlation-Coincidence Value (CCV) Technique for Use During Routine Computer Processing of Aeroradiometric and Aeromagnetic Data

Marion Jane Murray, *B.Sc. (Queen's)*

Geology

Stratigraphy Structure and Metamorphism of Precambrian Rocks in Belmont and Southern Methuen Townships, Southeastern Ontario

Stephen G. Michell, *B.Math. (Waterloo)*

Information and Systems Science
Hierarchical Designs for Layered Protocol Systems

Nashid Kamal, *B.Sc. (Dacca)*

Mathematics

Raphael Abel Kasonga, *B.Sc. (Dar es Salaam)*

Mathematics

Duncan James Murdoch, *B.Math.*

(Waterloo)

Mathematics

Daniel John Carlos Murray, *B.Sc.*

(Carleton)

Mathematics

Master of Engineering

*(Presented by Professor S.F. Wise,
Dean of the Faculty of Graduate
Studies and Research)*

Civil Engineering

Alan Thomas Habicht, *B.Eng. (Carleton)*
Civil Engineering

Nikos Milionis, *Dip. (Patras)*
Civil Engineering

Esmail Mohamed Fathy Naguib, *B.Sc. (Cairo)*
Civil Engineering
Stress Analysis of Masonry Walls Subjected to Concentrated Amounts of Prestressing

Electrical Engineering

Dimitris Carelis, *Dip. (Patras)*
Electrical Engineering
A Micro-Programmable Test Pattern Generator

Remy Reynald Chabot, *B.A.Sc. (Laval)*
Electrical Engineering
Implementation of Three Monopulse Receiver Configurations and Examination of Their Performance

Christopher Wieslaw Kurowski, *B.Eng. (Carleton)*
Electrical Engineering

Panayotis Mathiopoulos, *Dip. (Patras)*
Electrical Engineering
Experimental Performance and Design of a Microwave GaAs MESFET Class AB Power Amplifier

Steven Peter Menzel, *B.A.Sc. (Waterloo)*
Electrical Engineering
Testability Analysis Considerations of Digital Circuits

Vassilios Pallios, *Dip. (Patras)*
Electrical Engineering
The Design and Performance of an Optical Phase-Locked Loop Using Multimode He-Ne Lasers

Thomas Graham Ray, *B.Eng. (Carleton)*
Electrical Engineering
A High-Speed, Two-Dimensional Cross-Correlator for Real-Time Image Processing

Allan Lloyd Silburt, *B.A.Sc. (Waterloo)*
Electrical Engineering
The Segmented Multi-Threshold Transistor: A Single Device Wess MOSFET Structure for Monolithic Signal Conversion

Master of Social Work

Master of Journalism

Systems Engineering

Prokopios Belezinis, *Dip. (Patras)*
Systems Engineering
Equalization for Twisted Pair Cables
with Bridged Taps

Wai Yip Chan, *B.Eng. (Carleton)*
Systems Engineering
A Speech Detector for Mobile Radio

Gilles Dupont, *B.Eng. (Royal Military College)*
Systems Engineering
An Actor System for Supporting a
Military Application

Kwok Kay Li, *B.Eng. (Carleton)*
Systems Engineering
Microcomputer Based Remote
Terminal Emulator, Response Time
Monitor and CP-6 Response Time
Analysis

Peter Alexander Manashe, *B.Eng. (Carleton)*
Systems Engineering
A Novel High Performance Data Flow
Computer Architecture

Phanindra Reddigari Reddy, *B.Tech. (J.N.T.U.), M.E. (Indian Institute of Science)*
Systems Engineering
Nonlinearities in Telephone Modems

Peter Kim Rowe, *B.E.Sc. (Western Ontario)*
Systems Engineering

Michael Tobis, *B.Sc. (Northwestern)*
Systems Engineering
Application of Adaptive Reference
Echo Cancellation in the Subscriber
Loop Environment

Richard Marek Williams, *B.Eng. (Royal Military College)*
Systems Engineering
The Design and Implementation of a
Conceptual Schema Design Aid for
Relational Databases

*(Presented by Professor S.F. Wise,
Dean of the Faculty of Graduate
Studies and Research)*

Joan M. Auden, *B.A. (Ottawa)*

Michael William Burke, *B.A. (Dalhousie)*

Catherine Joyce Collett, *B.A., B.S.W. (McMaster)*

Carol Anne Hemphill-Ely-Hoyt, *B.A. (New Brunswick)*

S. Rebecca Henderson, *B.A. (Waterloo)*

Shirley Stanley Holleron, *B.A. (Carleton)*

Lisabeth Ann Holmes, *B.A. (Carleton), M.Past. (St. Paul)*

Susan Ruth Lindsay, *B.A. (Queen's)*

Hannah London, *B.A. (McGill), M.A. (Concordia)*

Cynthia Suk Fung Lui, *B.A. (York)*

Pat Maher, *B.A. (Waterloo)*

Leslie Anne Miller, *B.A. (Saskatchewan)*

Laura Nel, *B.A. (Port Elizabeth)*

Carol Lynne Richardson, *B.A. (Windsor)*

Sandra Anne Robinson, *B.A. (Dalhousie)*

Monica Gisele Stary, *B.Mus., B.Ed. (Queen's)*

*(Presented by Professor S.F. Wise,
Dean of the Faculty of Graduate
Studies and Research)*

Victor George Ndovi
Vietnamese Boat Refugees in
Canada—The Last Great Wave

Mark William Rogers, *J. Dip. (Vancouver Community College), B.A. (British Columbia)*
Dolly's Story

Diploma in Public
Administration

*(Presented by Professor S.F. Wise,
Dean of the Faculty of Graduate
Studies and Research)*

Gregory Dale Browning, *B.A. (Carleton)*

Benedict Plus Cornick, *B.A. (Memorial)*

Lori Edith McDowell, *B.A. (Carleton)*

Bachelor of Arts
(with Honours)

*(Presented by Professor Naomi E.S.
Griffiths, Dean of the Faculty of Arts)*

Franklin Peter Aeron Andrews
Honours in Political Science

Barbara Elizabeth Armstrong, *B.A.
(St. Patrick's College)*
Honours in Anthropology

Carla Roberta Armstrong
Honours in English

Barbara Ruth Baker
Highest Honours in English

Esther Victoria Beckles
Honours in Law

Barbara Althea Bowler, *B.A. (Carleton)*
Honours in Geography

Heather Louise Bradley, *B.A. (Carleton)*
Honours in Mass Communication

Norma Brown
Honours in Geography

George Perry Calogeracos
First Class Honours in Geography

Donald Alan Campbell
First Class Honours in Geography

Patrick J.T. Capello
Honours in Sociology

William James Cartier
Highest Honours in Political Science

Peter Adrian Childs, *B.A. (Carleton)*
Honours in Psychology

Sandra Margaret Edra Clark
Honours in French and German

Pierre Joseph Jacques Cloutier
Honours in Anthropology and History

Barbara Joy Collins, *B.A. (Carleton)*
Highest Honours in Psychology

Kristin Linda Cooper
Honours in English

Derek William Cowan
Honours in Anthropology

Elizabeth Dawson
Honours in Geography and Law

Joan Carolyn Don
High Honours in Psychology

Michael David Doucette
Honours in Law and Mass
Communication

Lena Jarmila Drahotsky
First Class Honours in Soviet and
East European Studies

Kenneth Craig Duffin, *B.A. (Carleton)*
Honours in Law and Sociology

Eve-Lynne M. Elman, *B.A. (Carleton)*
Honours in History

Joan Maureen Garay
Honours in Soviet and East
European Studies

Ronald Garson
First Class Honours in Political Science

Rowena Elizabeth Gerspacher, *B.A.
(Carleton)*
High Honours in English

Janice Goveas, *B.A. (Carleton)*
High Honours in Spanish

Lucy Victoria Grzegorzczuk
High Honours in Soviet and East
European Studies and Russian

Julie Beth Guravich
Highest Honours in English and
Linguistics

Craig Jamison Hall
High Honours in History

Marilyn Carson Henighan, *B.A. (Carleton)*
Honours in English

Carl Cavanagh Hodge
Highest Honours in German and
Political Science

Janet Hyer
First Class Honours in Soviet and
East European Studies

Rob Kanasy
First Class Honours in Political Science

Ronald Ernest Kassner
Honours in Geography

Kata Louise Kitaljevich, *B.A. (Carleton)*
Honours in History

Denise A. Lachance
Honours in Sociology and
Political Science

Lanying Lee Que
Honours in Spanish and English

Marc Andre Levesque
Honours in Geography

Ronald A. Logan
Honours in Geography

Scott Ian MacIntosh
Honours in Geography

Helen Ste. Peter MacLachlen
High Honours in Political Science
and Anthropology

Christopher MacKenzie MacLean, *B.A.*
(*Carleton*)
Highest Honours in Political Science

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First Class Honours in Geography

Kimberly Jane Matheson
Highest Honours in Psychology

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Honours in Law

Catherine Louise Sophia McIntosh
Honours in Linguistics and Sociology

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First Class Honours in Psychology

Susan Marie Morris
First Class Honours in Psychology

Laurence Robert Myles
Honours in English and Linguistics

Edeltraud Gisela Sophie Neal
First Class Honours in German

Michael James Neals
Honours in Geography

Rocco Neglia
Honours in Law and Political Science

Peter Robert Pannell
Honours in English

Sian Elizabeth Phillips
First Class Honours in Geography

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Honours in Law

Gary Simon Pizante
High Honours in Mass Communication

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First Class Honours in Psychology

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First Class Honours in Geography

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Honours in Geography

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and Sociology

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(*St. Patrick's College*)
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Richard Keith Smith
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Mass Communication

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Kimberley Barbara Archibald

Renate Magdalena Baird

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Varoon Beharry

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Krista Bristow

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Jacqueline Hilda Burnie

S. Heather Burt

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Rona Cameron

Jennifer Therese Campagnolo

Diana H. Cerutti Guldberg

Sharon Rose Chepil

Junie Huk-Wai Choi

David Allan Chorney

Lisa Marlane Christian

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Gillian Sandra Levy	Elie Nasrallah	Hans Willem Selst
James Richard Thomas Little	Martina Marie Nelligan	Vivian Shinder
Maria Elena J. Lorenzo	Bonnie Lynn Nguyen <i>with distinction</i>	Marjorie Susan Sibbit
Natalina Lorfano	Janet Elizabeth Nuth <i>with distinction</i>	Cathy-Lee Singleton
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Shirlene Theresa McGovern <i>with distinction</i>	Lesley D.A. Roe	Michelle Marie Tellier
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Nicole Roberte Waterfall

Mary Francesca Whatmough

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Greg Christopher Whitney

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Beth Ellen Woloski

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with Honours

Mary Adele Traversy
with Honours

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Louis A. Carriere
Honours in Physics

Allen Edward Eagle
Honours in Geography

Jeffrey William Eatock
Honours in Chemistry

Alan Raymond Goff, B.Sc. (Carleton)
Highest Honours in Biology

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(Waterloo), B.Ed. (Queen's)
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Studies and Computer Science

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Gary Lee Howard
Honours in Integrated Science
Studies

Alexander Juhasz
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Sandra Alison Korycan
First Class Honours in Biochemistry

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Steffen Harry Preusser
Honours in Chemistry

Johan Rudolph Rincker, B.Sc. (Carleton)
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Aline Marie De Coste

Gwilym Hugh Evans

Terence John Fallat

Kerry James Ketcheson

Ka-Keung Peter Lau

Michael Panyszak

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with Honours

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with Honours

Robert Allen Casselman
with Honours

Franco Chiumera
with Honours

Louise Dufour
with Honours

Sudha Rani Dukkipati
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with Honours

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with Honours

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with Honours

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with Honours

Jose Arthur Holmes, *B.Sc. (Carleton)*
with Honours

Helen Lim
with Honours

Anna Helen Longman
with Honours

Joseph Duncan MacDonald
with Honours

Kris Mak
with Honours

Daniel Slade Moorman
with Honours

Peter George Mutch
with Honours

Michel Claude Parent
with Honours

Donald Gordon Steacy
with Honours

Sharyl Lynn Tupper
with Honours

Joel John Patrick Whittemore
with Honours

Stephen Ronald Wilkinson
with Honours

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Mary Gertrude Brennan
with Honours

Lorraine Chan
with Honours

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B.Ed. (Toronto)*
with Honours

Amy Elizabeth Earle
with Honours

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with Honours

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Ontario)*
with Honours

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High Honours

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with Honours

Denise Claudette Sarazin
with Honours

Jonathan Frederick Soper
with Honours

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with Honours

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with Honours

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with Honours

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Marcel Anthony Früh Forbes Delph

Ernest Obinna Onyido

Paul Michael Orlowski

Silvio Mario Plescia

Electrical

John Steve Bobyn

Mechanical

George Ludwig Hegmann

Thomas Owen Hughes

Antonio Mario Maso, *B.I.D. (Carleton)*

Bryan Garth Rotor

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Director of the School of Architecture)*

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Elena S. Del Villano, B.A. *(Carleton)*

**Certificate in
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University Medal for Outstanding Achievement in Graduate Work

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Ph D (Biology)

Senate Medals for Outstanding Academic Achievement

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*B A (Honours German and Political
Science)*

Merly Margaret Forrest
B.A. (Art History)

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Jonathan Bosloy
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Kathleen Condon
Annemarie D'Amico
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Armand Dekemp
Chounsiw E
Jeannine Earp
Annette Eldring
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Catherine Frank
Susan Gaudet
Ross Holmes
Joanne Houlahan
Michael Huculak
Abhinav Humar
Katie Ing
Thomas Ivanich
Sharmai Jacobson
Gregory Keefe
David Kelly
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Quoc Le
Gary Lipschutz
Nancy MacLeod
Michael McCallum
Scott McFeely
Sonya McIntyre
Peter Neelin
Stephen Northover
Henry Nowak
Stephen O'Keefe
Sylvia Otten
Eric Palmer
Wendy Pell
James Risto
Gil Rumstein
Nancy Russell
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John Taylor
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William Webster
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Frederick Wong
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Abhinav Humar
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Peter Neelin
James Risto
John Taylor

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John Hole
Michael Huculak
Ian Peterkin
William Webster

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Commonwealth Holiday Inns Scholarship

Eliza Tong

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Charlene Lonmo

William H. Cramm Scholarship

Stephen Cohen

Naomi Cook Scholarship

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Ottawa Citizen Scholarship

Wallace Kwan

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Gary Lipschutz

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Robyn Douglas
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Alex Feldman
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Eleanor Hady
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Pamela Irwin
Christine Kapalowski
Wayne King
Dawn Leminski
Charlene Lonmo
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Alistair Wentworth
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Siew Wong
To Yuen

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An Nguyen
Natalie Nickolichuk
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Kim Tam
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Eliza Tong
Robert Trifts
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Margot Vogel
King Wan
Inger Weibust
Esther White
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Florence Yeung
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Samuel Edelson Scholarship

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Jody Ciufu
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Margaret Sutton
Alan Thom
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Dennis Wong
Kenneth Wong

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Robert Cox
Carol Kobluk
Helene Williams

J. Lansing Rudd Scholarships

Carol Bartels
Michael Majid

Friends of Carleton Scholarships

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Joanne Boyd
David Buck
Livio Dimatteo
Hilary Homes
Brent Petersen
Joel Polowin
Thomas Ritchford
Sujata Sundaresan
Ronald Vandergeest
Brian Walker
Jean Wen

Chevron Standard Scholarship in Geology

Janice Reid

Irene Gertrude Stitt Scholarships

James Boyd
Robert Tantular

Page and Steele School of Architecture Scholarship

Evelyn Koch

Jack Barwick and Douglas Duncan Memorial Scholarship for Art History

Diana Harris
Sarah MacLachlan

Jack Barwick and Douglas Duncan Memorial Scholarship for Music

Diane Gilchrist
Sandra MacKendrick

Wainwright Scholarships

Christopher Anstead
Daniel Hayward
Brian Hearnden
Teresa Martin
Shannon McSheffrey
Vincent Rigby
Michael Torrie
Hans Van T Slot

James Nolan Memorial Scholarship

Paul Seguin

Nathan and Sara Zelikowitz Award

Margaret Sutton

Gordon J. Wood Scholarships in English

Gillian Layfield
Helene Williams

Hume Wrong Scholarship

Kathryn McDade

Montreal Trust Company of Canada Award in Law

Stephen Bindman

Bank of Nova Scotia Award in Commercial Law

Ursula Beddoes
Jane Gavan

Thorne, Riddell and Company Scholarships

Michael Milinkovich
Karen Tippet

Touche, Ross and Company Scholarship

John McBride

Xerox of Canada Inc. Scholarship

John McFarland

Ian Griffith Memorial Scholarship

Tallulah MacVean

Economics Scholarship

Brian Sparks

Association of Professional Engineers' Scholarships

Joanne Boyd
Mike Donaldson
Andrew Vernon

Roderick C. McDonald Memorial Scholarship in Engineering

Barbara Ham

Regent Vending and Amusements Ltd. Centennial Scholarship

Gordon Giddings

Regent Vending and Amusements Ltd. Scholarship

Neil Birkett

Vered Foundation Scholarships

Keat Seng Oh
Byron Sheldrick

Ottawa Citizen Scholarships

David Buck
Barbara Ham
John Wood

Ottawa Citizen Scholarships in Journalism

Robert Cox
James Davidson
Alan Ernst

Peter Reilly Memorial Scholarship

Cindy Baker
Margaret Sutton

Charles Anthony Blundell Betts Memorial Scholarship in Physics

Lawrence Howe

Clendinnen Scholarship in Biology

Ann Lockwood

Dr. Harry Katznelson Memorial Scholarship

Ian Jones

L.N. Wadlin Scholarship in Mathematics

Alan Dixon

J.P. Bickell Foundation Scholarships

Alfred Cacciotti
Helen Earnshaw
Beth Fischer

David Good
Peter Harrington
Patrick King
Keuk Liew
Laura Radburn
Sharon Smith
Terri Smith
Robert Scammell
Sandra Thompson
Stephanie Woodend
Michael Villeneuve
Kimberley Munro

Victor S. Castledine Scholarship
Collin Clinton

The Ottawa Women's Canadian Club Scholarship
Bernice Klassen

Duchess of Connaught Scholarships
Shawn Leafloor
Charles Pulfer

University Women's Club of Ottawa Scholarships
Margaret Kennedy
Teresa Zabarauskas

University Scholarships for Part-Time Students
Warren Gould
Margaret Kennedy

Dr. F.W.C. Mohr Scholarships
Shirley Bailey
John Barker
David Brown
Richard Cheok
Deirdre Collings
Kathryn D'Artois
William Davis
Mike Donaldson
Anne Donlan
Kimberley Dudley
Kimberl Eggert
Gail Eno
Christina Fernandez
Bradley Fowlow
Gordon Giddings
Louise Gratton
Leona Gray
Joyce Green
Peter Harrington
Clifford Harris
Diana Harris
Ronald Henry
Katherine Kay
Ross Koningstein
Jolanta Kryztofiak
Marianne Langlais
Penny Larue
Kenneth MacLeod
John Madsen
Richard Mayer
Dave McNeely

Loris Mirella
Liang Ng
Danthu Nguyen
James Nightingale
Joseph Reilly
Mati Sauks
Paul Seguin
Mark Shore
Graham Smith
Marja Ten Holder
Craig Vaughan
Theodora Velissaropoulos
Belinda Vineberg
James Waterhouse
Cindy Wells
Heather Wilson

Ben and Mary Steinberg Scholarships
Patricia Davis
Janet Heney
Gillian Layfield
Jeffrey Smuk
Christopher Staples
John Terry

Ontario Association of Architects Awards
Bradley Fowlow
Dwight Lander

James E. Whenham Award
William Davis

Mrs. George S. Abbott Memorial Award in Law
Jane Gavan
Mary Smuk

American Society Metals in Prize in Engineering
Brent Petersen

A. Andras Memorial Award
James Conley

Berke Scholarship in Chemistry
Joel Polowin

Blok-Lok Limited Scholarship
Kathryn Savage

T.N. Brewis Scholarship in Applied Economics
Heather Kerr

Landen Dominic Burnett Memorial Award
Sarah MacLachlan

Canadian Society of Petroleum Geologists Undergraduate Student Award
Stephen Cook

Canadian Tire Corporation Scholarship
Suzanne Schmidt

Carswell Company Book Award in Public Law
Mary Catherine Smuk

Certified General Accountants Association of Ontario Award for Excellence
Helen Poznanski

Chancellor's Scholarships
Sandra Fry

Dr. John H. Chapman Memorial Prize in Communications Engineering
John Greszczuk

Chemical Institute of Canada Award
Judi Miller

City of Ottawa Scholarship for Disabled Persons
Karyna Laroche
Gerard Thompson

Clarkson, Gordon Award
Laurie Arron

Class '76 Book Prize
Craig Vaughan

Datacrown Scholarship
Mati Sauks

Bertha F. Davis Award in Religion
Sandra Little

Digital Equipment of Canada Limited Award of Merit
Daniel Hindson

Director's Award in Biochemistry
Brian Gregory

Rachael Elizabeth Edwards Memorial Award
Doreen Martens
Laura Robin

Wilfrid Eggleston Award in Journalism
May Wong

Bob Farquharson Memorial Award in Journalism
Christopher Staples

Jack Cook Design Award
Alan Boykiw

Jamie Corbet Memorial Award
Eric Rosenquist

E. Alison Flood Award
John Wood

<i>Blair Fraser Memorial Award</i>	Josephine Bondi	<i>Jayashree A. Nagpur Memorial Award</i>
Christine Dwyer	Brian Carlson	Suzanne Laurin
<i>Ann Smith Freedman Memorial Award</i>	Rodger Casselman	<i>Betty Nesbitt Memorial Award in Biology</i>
Donna Sargeson	Ronnie Casselman	David Antecol
<i>Mr. and Mrs. Louis L. Goldstein Book Award in Law</i>	Chair Chang	Carol Mortimer
Cathy Lynn Jones	Hin Chang	<i>F.K. North Award in Geology</i>
<i>Margaret Graham Award</i>	Karin Chykaliuk	Filippo Ferri
Shirley Bailey	John Craig	<i>Petro-Canada Scholarship</i>
<i>J. Carlisle Hanson Award</i>	Brenda Cutler	Sally Elliott
Mark Shore	Alan Dufour	<i>Charles H. Pinhey Award</i>
<i>Hawker Siddeley Canada Inc. Engineering Scholarship</i>	Mark Edwards	Thomas Ogilvie
Peter Barrington	David Fernandes	Hedra Saparno
<i>Herbert Heron Q.C. Award in Law</i>	Roderick Flannigan	<i>President's Scholarships</i>
Joan Seegstra	Sheryl French	Jean-Michel Ares
<i>Honeywell Information Systems Scholarships</i>	Michael Gaines	Allan Bronstein
David Buck	Geoff Gay	Dave Conway
Mara Mieztis	Andrew Gow	Paul Davis
<i>C.V. Hotson Memorial Scholarship</i>	Kelly Hall	Michael Dickie
Chris Henderson	Kevin Harris	Peter Diedrich
<i>International House Award</i>	Patrick Harrop	Gerald Dimnik
Jerry Domatob	Garvin Hertz	Alan Ernst
<i>Allama Mohammad Iqbal Award</i>	Nancy Holmes	Darrell Kloeze
Allen Farrell	Paul House	Lucie Kybal-Syrový
<i>Journalism Writing Style Book Award</i>	Rodney Iverson	Ching Wan
Steven Mazey	Diane Johnston	May Yee
<i>Marston LaFrance Memorial Award in English</i>	Donna Lang	<i>RCA Scholarship</i>
Janice Herwig	Marc Lavergne	Craig Honegger
<i>Abraham and Dora Lithwick Award</i>	Margaret Lavictoire	<i>Roodman Award in Journalism</i>
Sheyfali Saujani	Jolie Lin	Mark Kennedy
<i>R.A. MacKay Award in Political Science</i>	Michele Mandel	<i>Schlumberger Collegiate Awards</i>
James Dickson	Brian Mayes	Robert Myers
<i>Francis C.C. Lynch Scholarships</i>	Mark Michaud	Dennis Shwed
Naomi Adamson	Dwight Lander	<i>Lawrence Segal Memorial Fund</i>
Lori Aikman	Eleonora Milito	Alan Thom
Graham Allan	Doug Morrice	<i>Richard J. Semple Memorial Award in Mathematics</i>
Suzan Appleby	Janet Nüth	Michael Dixon
Yam Au	Joanne Paradis	<i>Society of Chemical Industry Award</i>
Philip Barton	Ezra Peachey	Catherine Hayes
Daniel Beaton	Blake Poland	<i>Harry Stevinson Scholarship in Aeronautical Engineering</i>
Sally Bell-Knight	Angela Prawzick	Michael Barton
Colleen Bigelow	Giovanni Roccamo	<i>Thomson Award for Reporting</i>
Heather Blumenthal	Steven Saunders	Robert Cox
	Kathryn Savage	<i>Jessie and Wreford Watson Award in Geography</i>
	John Schofield	Elizabeth Anne MacKenzie
	Shawn Schromeda	
	Jacqueline Scott	
	Heather Shaw	
	Peter Simons	
	Brian Sparks	
	Anne Stevens	
	Paul Sutterlin	
	Beng Tham	
	Jean Thomson	
	Mary Turpel	
	Greg Usher	
	Cindy Van Kessel	
	Rashmi Venkateswaran	
	Geoffrey Warne	
	Hendrikus Welten	
	Mary Wilcox	
	Wendy Wobeser	
	Johnnie Yeung	
	<i>D.F. McKechnie Award in Accounting</i>	
	Kenneth MacLeod	

Book Awards

*Wild Leitz Limited Award in
Engineering*

Ching Wan

Wilgar Memorial Prize in English

Gillian Layfield

Kenneth R. Wilson Memorial Award

Suzanne Alldred

Morley Wilson Scholarship

Robert Scammell

Herbert I. Wolf Award

Charles Pulfer

General In-Course Scholarships

Wendi Cross

James Currie

Gina Delph

Eric Hemming

Ronald Kosonic

Thomas Lehmann

Ann Lockwood

Elizabeth MacKenzie

Laurie Martin

Richard Miller

Dane Rowlands

Nicholas Taylor

James Warnock

Prize of The Embassy of Austria

Mark Edwards

Prize of The Embassy of France

Carole Galaise

Leslie Stewart

*Prize of The Embassy of the Federal
Republic of Germany*

Margaret Ann Brown

Edeltraud Gisela Neal

Prize of The Province of Quebec

Lori Donadel

Award of The High Commission of India

Elizabeth Nanni

Prize of The Embassy of Italy

Giovanni Roccamo

*Prize of The Embassy of Union of
Soviet Socialist Republics*

Glenda Bourgeois

Spanish Embassy Book Prize

Robert Moncion

*Prize of The Ambassador of Switzerland
To Canada*

Sheila Buchanan

Jacques Dion

Andrew Gow

Ottawa Muslim Women's Auxiliary Award

Daisy Wong

The Presiding Officer of Convocation is the Chancellor,
the Hon. Gordon Robertson, P.C., C.C., M.A., LL.D.,
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Accompanying him will be Mr. C.T. Kelley, B.A.,
Chairman of the Board of Governors, and Dr. W.E.
Beckel, B.A., M.Sc., Ph.D., President and Vice-Chancellor.

Assisting the Chancellor will be:

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F.E.S.C., F.Z.S.,
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and Marshal of Convocation

Michel Gaulin, M.A., Ph.D.,
Associate Professor of French, Clerk of Senate,
and Assistant Marshal of Convocation

Michael B. Thompson, M.A.,
Assistant Professor of English,
and Beadle of Convocation

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Professor of Political Science,
and Beadle of Convocation

Kenneth Hardy, B.Sc., M.S., Ph.D.,
Associate Professor of Mathematics,
and Beadle of Convocation

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Registrar,
Faculty of Engineering

Ruth Lifeso, B.Sc.,
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Faculty of Science

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